Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 15 Jul 2021 until 23:59 on Friday 16 Jul 2021

Forecast Issued on Thursday 15 Jul 2021 at 02:40

Confidence: High for the settled conditions and a warmer trend, moderate for extend of low cloud tonight.

Headline for Thursday 15 Jul 2021: A mostly cloudy start, warm and sunny afternoon.

Mountain weather hazards on Thursday 15 Jul 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Sunny intervals	Sunny	Sunny	Sunny	Clear night
Precipitation probability					
10%	<05%	00%	00%	00%	00%

Forecast for Thursday 15 Jul 2021

Weather: Patches of low cloud will spread eastwards across the west of the park after midnight, steadily becoming more widespread towards dawn. However, any cloud will break and lift during the early morning, allowing plenty of prolonged sunshine therefater. Remaining dry and largely sunny in the evening.

Chance of cloud free mountain/hill tops above 600m: 30-40% in the west (60-70% in the east) initially but quickly increasing to 100%.

Visibility: Mediocre initially in the west, with mist and cloud around 500-600m. Improving to very good early in the morning with distant hills becoming clearly visible all around and for much of the day.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 15 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 NW	13/17 N	13/18 NE	13/18 NE	12/17 NE	9/12 E	5/7 N
300	10/13 NW	9/13 N	10/15 NE	10/15 NE	9/15 NE	6/9 E	3/5 NE
Valley	8/14 NW	7/13 N	7/14 NE	8/14 NE	8/14 NE	5/12 E	2/4 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/10	13/11	15/12	17/14	16/14	13/12	13/12
300	14/12	16/15	18/16	20/18	19/17	15/15	14/14
Valley	15/13	17/16	20/19	22/20	20/19	16/15	14/14
Freezing Level*	3000m	2900m	3300m	3100m	3200m	3200m	3200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A warm day once the early low cloud clears, with light winds and very strong sunshine. Sun protection and staying well hydrated is advised.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Thu 15 Jul 2021	0mm	0.2mm	5.6mm

Forecast for Friday 16 Jul 2021

Weather: Dry with light winds and plenty of sunshine, but warm or even feeling hot in sheltered areas.

Maximum wind: North-westerly 10mph gusting 15-20mph.

Chance of cloud free mountain/hill tops above 600m: 95% or more.

Visibility: Good or very good all day long, with excellent surrounding views.

Temperature: **Valleys:** Plus 13 becoming plus 26 Celsius
At 600m: Plus 08 becoming plus 20 Celsius
Freezing level: Above summits

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